Sweet Kleen Site
June 7, 2005

Site Radiation Monitoring Report

On June 7 and June 9, 2005, Removal Support Team (RST) member Veronica Myers and Emergency Rapid Response Service (ERRS) member Scott Soden conducted a Level C entry into the Sweet Kleen Laundry site buildings to conduct radiation monitoring. The Ludlum Model 19 detects gamma rays, with results indicating that, all parameters monitored on the lower and upper levels of the building were around or slightly higher then background level. Background level was indicated at 5-mirco R/hour and no readings inside the building were above 15-micro R/hour. Radiation monitoring was taken outside the side the boiler room area, next to the parking area, where approximately seventy-five, 50-kg drums are stacked. Radiation levels were indicated the same as background level. Monitoring of the brick from the falling chimney had levels between 25 and 30-micro R/hour. It is natural for some bricks to have readings above background since some contains small partials of radioactive compounds.

The Ludlum Model 3 Micro-R Radiation Detector detects alpha and beta, with results indicating that, all parameters monitored on the lower and upper levels of the building were at background level. Background level was indicated at 0.2-micro R/hour. Monitoring outside the boiler room area, next to the parking area where 50-kg empty drums are stacked, indicated background levels of 0.2-micro R/hour. Detection levels in the brick of the falling chimney were between 0.2 and 0.4-mico R/hour. This detection is still within background range.

The instruments used for radiation monitoring was the Ludlum Model 19 Micro-R Radiation Detector Serial Number 167144 and the Ludlum Model 3 Micro-R Radiation Detector Serial Number 166575